

**INTERNATIONAL SEARCH REPORT**

International Application No PCT/FR2004/000052
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**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C03B37/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 345 147 A (RUSSELL ROBERT G) 3 October 1967 (1967-10-03) cited in the application column 3, lines 43-47; figure 5 column 6, line 15 column 7, line 68 column 6, lines 18,19 column 7, lines 19-25 column 7, lines 39-43 column 6, lines 24-26	1-7,9-13
X	US 4 214 884 A (MARTIN WALTER L JR) 29 July 1980 (1980-07-29) cited in the application column 2, lines 49-54; claim 1	1-5



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "G" document member of the same patent family

Date of the actual completion of the International search

14 May 2004

Date of mailing of the International search report

26/05/2004

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 3345147	A	03-10-1967	US	3150946 A	29-09-1964
			BE	707827 A	16-04-1968
			DE	1186976 B	11-02-1965
			FR	1313378 A	28-12-1962
			GB	978688 A	23-12-1964
			NL	122882 C	
			NL	272846 A	
US 4214884	A	29-07-1980	US	4310602 A	12-01-1982